

DEVICE AND METHOD FOR HANDLING FRAGILE OBJECTS, AND
MANUFACTURING METHOD THEREOF

ABSTRACT

A handler for applying a vacuum holding force to an object is provided. The handler generally includes a body having a plurality of levels of openings including a holding surface level and a suction surface level, and optionally one or more intermediate levels. In general, the openings decrease in size (e.g., effective diameter) from the suction surface level to the

5 holding surface level. Further the openings at the suction surface level are in fluid communication with at least a portion of the openings at the holding surface level.